PART 301—PROCEDURES UNDER SURFACE MINING CONTROL AND RECLAMATION ACT OF 1977

AUTHORITY: Sec. 201, Pub. L. 95-87, 91 Stat. 445, 30 U.S.C. 1201 et seq.

§ 301.1 Cross reference.

For special rules applicable to hearings, appeals, and other review procedures relating to surface mining control and reclamation within the juris-

diction of administrative law judges and the Interior Board of Surface Mining and Reclamation Appeals, Office of Hearings and Appeals, see Subpart L of part 4 of subtitle A—Office of the Secretary of the Interior, of title 43 CFR. Subpart A of part 4 and all of the general rules in subpart B of part 4 not inconsistent with the special rules in subpart L of part 4 are also applicable to such hearings, appeals and other review proceedings.

[43 FR 41974, Sept. 19, 1978]

CHAPTER IV—GEOLOGICAL SURVEY, DEPARTMENT OF THE INTERIOR

Part		Page
401	State Water Research Institute Program	589
402	Water-Resources Research Program and the Water-	
	Resources Technology Development Program	594

PART 401—STATE WATER RESEARCH INSTITUTE PROGRAM

Subpart A—General

Sec.

401.1 Purpose.

401.2 Delegation of authority.

401.3 Definitions.

401.4 Information collection.

401.5 [Reserved]

Subpart B—Designation of Institutes; Institute Programs

401.6 Designation of institutes.

401.7 Programs of institutes.

401.8-401.10 [Reserved]

Subpart C—Application and Management Procedures

401.11 Applications for grants.

401.12 Program management.

401.13-401.18 [Reserved]

Subpart D—Reporting

401.19 Reporting procedures. 401.20–401.25 [Reserved]

Subpart E—Evaluation

401.26 Evaluation of institutes.

AUTHORITY: 42 U.S.C. 10303.

SOURCE: 50 FR 23114, May 31, 1985, unless otherwise noted.

Subpart A—General

§ 401.1 Purpose.

The regulations in this part are issued pursuant to title I of the Water Research Act of 1984 (Pub. L. 98–242, 98 Stat. 97) which authorizes appropriations to, and confers authority upon, the Secretary of the Interior to promote a national program of water-resources research.

§ 401.2 Delegation of authority.

The State Water Research Institute Program, as authorized by section 104 of the Act, has been established as a component of the U.S. Geological Survey (USGS). Secretary of the Interior has delegated to the Director of the USGS authority to take the actions and make the determinations that, under the Act, are the responsibility of the Secretary.

§ 401.3 Definitions.

Act means the Water Resources Research Act of 1984 (Pub. L. 98–242, 98 Stat. 97).

Fiscal year means a 12-month period ending on September 30.

Director means the Director of the USGS or a designee.

Grant means the funds made available to an institute in a particular fiscal year pursuant to section 104 of the Act and the regulations in this chapter.

Grantee means the college or university at which an institute is established.

Granting agency means the USGS.

Institute means a water resources research institute, center, or equivalent agency established in accordance with Title I of the Act.

Region means any grouping of two or more institutes mutually chosen by themselves to reflect a commonality of water-resources problems.

Scientists means individuals engaged in any professional discipline, including the life, physical or social sciences, and engineers.

Secretary means the Secretary of the Interior or a designee.

State means each of the 50 States, the Commonwealth of Puerto Rico, the Virgin Islands, the District of Columbia, Guam, American Samoa, the Commonwealth of the Mariana Islands, and the Federated States of Micronesia.

[50 FR 23114, May 31, 1985, as amended at 58 FR 27204, May 7, 1993]

§ 401.4 Information collection.

(a) The information collection requirements contained in sections 401.11 and 401.19 have been approved by the Office of Management and Budget under 44 U.S.C. 3501 et seq. and assigned clearance number 1028-0044. The information will be used to support water related research and provide performance reports on accomplishments achieved under Pub. L. 98-242, 98 Stat. 97 (42 U.S.C. 10303). This information allows the agency to determine compliance with the objectives and criteria of the grant programs. Response is mandatory in accordance with 30 CFR 401.11 and 401.19.

§401.5

(b) Public reporting burden for the collection of information is estimated to average 84 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate, or any other suggestions for reducing the burden, to Paperwork Management Officer, U.S. Geological Survey, Paperwork Management Section MS 208, Reston, Virginia 22092 and the Office of Management and Budget, Paperwork Reduction Project (1028-0044), Washington, DC 20503.

[58 FR 27204, May 7, 1993]

§401.5 [Reserved]

Subpart B—Designation of Institutes; Institute Programs

§ 401.6 Designation of institutes.

- (a) As a condition of recognition as an established institute under the provisions of this chapter, each institute shall provide to the Director written evidence that it conforms to the requirements of subsection 104(a) of the Act, in that:
- (1) The institute is established at the college or university in the State that was established in accordance with the Act of July 21, 1862 (12 Stat. 503; 7 U.S.C. 301ff), *i.e.*, a "land-grant" institution, or;
- (2) If established at some other institution, the institute is at a college or university that has been designated by act of the legislature for the purposes of the Act, or;
- (3) If there is more than one "landgrant" institution in the State, and no designation has been made according to paragraph (a)(2) of this section, the institute has been established at the one such institution designated by the Governor of the State to participate in the program, or;

(4) The institute has been designated as an interstate or regional institute by two or more cooperating States as provided in the Act.

(b) The certification of designation made pursuant to paragraph (a) of this section shall originate following the issuance of these regulations, be signed by the highest ranking officer of the college or university at which the institute is established and be submitted to the Director within 90 days of the effective date of these regulations. It shall be accompanied either by the evidence of establishment under the provisions of 30 CFR part 401 or by new evidence of establishment made pursuant to these regulations.

(c) Any institute not previously established under the provisions of the Water Resources Act of 1964 (Pub. L. 88–379, 78 Stat. 331) or the Water Research and Development Act of 1978 (Pub. L. 95–467, 92 Stat. 1305) shall also, in addition to the annual program application specified in §401.11 of this chapter, submit to the Director the following information:

(1) Evidence of the appointment by the governing authority of the college or university of an officer to receive and account for all funds paid under the provisions of the Act and to make annual reports to the granting agency on work accomplished; and

(2) A management plan for meeting the requirements of the evaluation mandated by §401.26.

[50 FR 23114, May 31, 1985, as amended at 58 FR 27204, May 7, 1993]

§ 401.7 Programs of institutes.

- (a) Release of grant funds to participating institutes is conditioned on the ability of each receiving institute to plan, conduct, or otherwise arrange for:
- (1) Competent research, investigations, and experiments of either a basic or practical nature, or both, in relation to water resources:
- (2) Promotion of the dissemination and application of the results of these efforts; and
- (3) Assistance in the training of scientists in relevant fields of endeavor to water resources through the research, investigations, and experiments.
- (b) Such research, investigations, experiments and training may include:
- (1) Aspects of the hydrologic cycle;
- (2) Supply and demand;
- (3) Demineralization of saline and other impaired waters;
- (4) Conservation and best use of available supplies of water and methods of increasing such supplies;
 - (5) Water reuse:

(6) Depletion and degradation of ground-water supplies;

(7) Improvements in the productivity of water when used for agricultural, municipal, and commercial purposes;

- (8) The economic, legal, engineering, social, recreational, biological, geographical, ecological, or other aspects of water problems;
- (9) Scientific information dissemination activities, including identifying, assembling, and interpreting the results of scientific research on water resources problems, and;
- (10) Providing means for improved communication of research results, having due regard for the varying conditions and needs of the respective States and regions.
- (c) An institute shall cooperate closely with other colleges and universities in the State that have demonstrated capabilities for research, information dissemination and graduate training in the development of its program. For purposes of financial management, reporting and other research program management and administration activities, the institutes shall be responsible for performance of the activities of other participating institutions.
- (d) Each institute shall cooperate closely with other institutes and other research organizations in the region to increase the effectiveness of the institutes, to coordinate their activities, and to avoid undue duplication of effort.

§§ 401.8–401.10 [Reserved]

Subpart C—Application and Management Procedures

§ 401.11 Applications for grants.

(a) Subject to the availability of appropriated funds, but not to exceed a total of \$10 million, an equal amount of dollars will be available to each qualified institute in each fiscal year to assist it in carrying out the purposes of the Act. If the full amount of the appropriated funds is not obligated by the close of the fiscal year for which they were appropriated, the remaining funds shall be made available in the succeeding fiscal year to support competitively selected research projects under the terms of section 104(g) of the Act.

Selection and approval of such projects shall be based on criteria to be determined by the Director. Announcement of such criteria shall be made by notice in the FEDERAL REGISTER. The granting agency may retain an amount up to 15 percent of the total appropriation for administrative costs.

- (b) The granting agency will annually make available to qualified institutes instructions for the submittal of applications for grants. The instructions will include information pertinent only to a single fiscal year, such as the closing date for applications and the amount of funds initially available to each institute. They also will include notification of the provisions and assurances necessary to ensure that administration of the grant will be conducted in compliance with this chapter and other Federal laws and regulations applicable to grants to institutions of higher learning.
- (c) In making its application for funds to which it is entitled under the Act, each institute shall use and follow the standard form for Federal assistance (SF 424, Federal Assistance). No preapplication is required. The institute shall include in section IV of Standard Form 424 evidence that its application was:
- (1) Developed in close consultation and collaboration with senior personnel of the State's department of water resources or similar agencies, other leading water resources officials within the State, and interested members of the public;
- (2) Coordinated with other institutes in the region for the purposes of avoiding duplication of effort and encouraging regional cooperation in research areas of water management, development, and conservation that have a regional or national character; and
- (3) Reviewed for technical merit of its research components by qualified scientists.
- (d) Each application shall further include:
- (1) A financial plan relating expenditures to scheduled activity and rate of effort to be expended and indicating the times at which there will be need for specified amounts of Federal funds; and

§401.12

- (2) A description of the institute's arrangements for development, administration, and technical oversight of the research program.
- (e) Each annual program application is to include separately identifiable proposals for conduct of research to meet the needs of the State and region. Such proposals must set forth for each project:
- (i) The nature, scope and objectives of the project to be undertaken;
- (2) Its importance to the State, region, or Nation; its relation to other known research projects already completed or in progress; and the anticipated applicability of the research results;
- (3) The period during which it will be pursued:
- (4) The names and qualifications of the senior professional personnel who will direct and conduct the project;
- (5) Its estimated costs, with a breakdown of the costs per year; and
- (6) The extent of which it will provide opportunity for the training of scientists.
- (f) Each program application shall contain a plan for disseminating information on the results of research and promoting their application. Plans which require the use of grant funds shall contain:
- (1) Definition of the topics for dissemination;
- (2) Identification of the target audiences for dissemination;
- (3) Strategies for accomplishing the dissemination;
- (4) Duties and qualifications of the personnel to be involved;
- (5) Estimated costs of each identifiable element of the plan; and
- (6) Identification of cooperating entities.
- (g) The application shall provide assurance that non-Federal dollars will be available to share the costs of the proposed program. The Federal funds are to be matched on a basis of no less than two non-Federal dollars for each Federal dollar, unless this matching requirement has been waived.
- (h) The granting agency will evaluate the proposals for consistency with the provisions of its instructions and this chapter and within no more than 90

days request any revisions and additions necessary for such consistency.

[50 FR 23114, May 31, 1985, as amended at 58 FR 27204, May 7, 1993]

§401.12 Program management.

- (a) Upon approval of each fiscal year's proposed program, the granting agency will transmit to the grantee an award which will incorporate the application and assurances.
- (b) The grant is effective and constitutes an obligation of Federal funds in the amount and for the purpose stated in the award document at the time of the Director's signature.
- (c)(1) Acceptance of the award document certifies the grantee's assurance that the grant will be administered in compliance with OMB regulations, policies, guidelines, and requirements as described in:
- (i) Circular No. A-21, revised, Cost Principles of Educational Institutions;
- (ii) Memorandum No. M-92-01, Coordination of Water Resources Information:
- (iii) Circular No. A-88, revised, Indirect Cost Rates, Audit and Audit Follow-up at Educational Institutions;
- (iv) Circular No. A-110, Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals and other Nonprofit Organizations; and
- (v) Circular No. A-124, Patents— Small Business Firms and Nonprofit Organizations.
- (2) Copies of the documents listed in paragraph (c)(1) of this section shall be available from the granting agency.

[50 FR 23114, May 31, 1985, as amended at 58 FR 27204, May 7, 1993]

§§ 401.13-401.18 [Reserved]

Subpart D—Reporting

§ 401.19 Reporting procedures.

(a) The institutes are encouraged to publish, as technical reports or in the professional literature, the findings, results, and conclusions relating to separately identifiable research projects undertaken pursuant to the Act.

(b) Each institute shall submit to the granting agency, by a date to be specified in the award document, an annual program report which provides:

(1) A statement concerning the relationship of the institute's program to the water problems and issues of the

State;

- (2) A synopsis of the objectives, methods, and conclusions of each project completed within the period covered;
- (3) A progress report on each project continuing into the subsequent fiscal year:
- (4) Citations of all reports, papers, publications or other communicable products resulting from each project completed or in progress;
- (5) A description of all activities undertaken for the purpose of promoting the application of research results;
- (6) A description of cooperative arrangements with other educational institutions, State agencies, and others.
- (c) One manuscript of reproducible quality and two copies of the annual program report shall be furnished to the granting agency. One copy of a complete report on the objectives, methods, and conclusions of each research project shall be maintained by the institute and open to inspection.
- (d) Appropriate acknowledgment shall be given by institutes to the granting agency's participation in financing activities carried out under provisions of the Act. Such acknowledgment shall be included in all reports, publications, news releases, and other information media developed by institutes and others to publicize, describe, or report upon accomplishments and activities of the program.

(e) An original and two copies of the final "Financial Status Report," SF 269, shall be furnished to the granting agency within 90 days of completion of the grant period.

§§ 401.20-401.25 [Reserved]

Subpart E—Evaluation

§ 401.26 Evaluation of institutes.

(a) Within 2 years of the date of its certification according to the provisions of §401.6, each institute will be evaluated for the purpose of deter-

mining whether the national interest warrants its continued support under the provisions of the Act. That determination shall be based on:

- (1) The quality and relevance of its water resources research as funded under the Act;
- (2) Its effectiveness as an institution for planning, conducting, or arranging for research:
- (3) Its demonstrated performance in making research results available to users in the State and elsewhere; and
- (4) Its demonstrated record in providing for the training of scientists through student involvement in its research program.
- (b) An evaluation team, selected by the granting agency on the basis of the members' knowledge of water research and administration, shall evaluate each institute, and may with the concurrence of the granting agency, visit such institutes as it considers necessary. The team is to include at least one individual from each of the following categories:
- (1) Employees of the Department of the Interior:
- (2) University faculty or other professionals with relevant experience in the conduct of water resources research;
- (3) Former directors of water research institutes; and
- (4) University faculty or other professionals with relevant experience in information transfer.
- (c) The granting agency may request recommendations for team selections from the National Research Council/National Academy of Sciences and from other organizations whose members include the types of individuals cited in paragraph (b) of this section.
- (d) The granting agency shall, as an administrative cost, provide the funds for travel and per diem expense of the team members, within the maximum limits allowable under Federal travel regulations (41 CFR subtitle F).

(e) The granting agency has the right to select dates for evaluation visits, and notice of the team's visit shall be provided to the institute being evaluated at least 60 days in advance.

(f) It shall be the responsibility of each institute to provide such documentation of its activities and accomplishments as the granting agency and

Pt. 402

evaluation team may reasonably request. The request for this documentation shall be made at least 60 days prior to the due date of its receipt.

(g) The team shall, within 90 days after completion of its evaluation, submit a written report of its findings to the granting agency for transmittal to the institute. If an institute is found to have deficiencies in meeting the objectives of the Act, it shall be allowed 1 year to correct them and to report such action to the granting agency. The decision as to the institute's eligibility to receive further funding will rest with the granting agency.

(h) After the initial evaluation, each institute shall be reevaluated at least every 5 years.

[58 FR 27204, May 7, 1993]

PART 402—WATER-RESOURCES RE-SEARCH PROGRAM AND THE WATER-RESOURCES TECH-NOLOGY DEVELOPMENT PRO-GRAM

Subpart A—General

Sec.

402.1 Purpose.

402.2 Delegation of authority.

402.3 Definitions.

402.4 Information collection.

402.5 [Reserved]

Subpart B—Description of Water-Resources Programs

402.6 Water-Resources Research Program.402.7 Water-Resources Technology Development Program.

402.8-402.9 [Reserved]

Subpart C—Application, Evaluation, and Management Procedures

402.10 Research-project applications.

402.11 Technology-development project applications.

402.12 Evaluation of applications for grants and contracts.

402.13 Program management.

402.14 [Reserved]

Subpart D—Reporting

402.15 Reporting procedures.

AUTHORITY: Secs. 105 and 106, Pub. L. 98-242, 98 Stat. 97 (42 U.S.C. 10304 and 10305).

SOURCE: 51 FR 20963, June 10, 1986, unless otherwise noted.

Subpart A—General

§ 402.1 Purpose.

The regulations in this part are issued pursuant to title I of the Water Resources Research Act of 1984 (Pub. L. 98–242, 98 Stat. 97), which authorizes appropriations to, and confers authority upon, the Secretary of the Interior to promote national programs of water-resources research and technology development.

§ 402.2 Delegation of authority.

The Water-Resources Research Program and the Water-Resources Technology Development Program, as authorized by sections 105 and 106 of the Act (42 U.S.C. 10304 and 10305), have been established as components of the USGS. The Secretary of the Interior has delegated to the Director of the USGS authority to take actions and make the determinations that, under the Act, are the responsibility of the Secretary.

§ 402.3 Definitions.

(a) *Grant* is used in these rules as a generic term for a Federal assistance award, including project grants and cooperative agreements.

(b) Act means the Water Resources Research Act of 1984 (Pub. L. 98-242, 98

Stat. 97).

(c) Educational institution means any educational institution—privately and/

or publicly owned.

(d) Dollar-for-dollar matching grant means for each Federal dollar provided to support the projects, a non-Federal dollar also must be provided to the project.

§ 402.4 Information collection.

The information-collection requirements contained in sections 402.10, 402.11, and 402.15 have been approved by the OMB under 44 U.S.C. 3501 et seq. and assigned clearance number 1028-0046. The application proposals being collected will contain technical information that will be used by the USGS as a basis for selection and award of grants. The progress reports being collected will contain a description of all work accomplished and results achieved on each funded project and will enable the USGS to carry out its oversight responsibilities and provide dissemination of technical information.

§ 402.5 [Reserved]

Subpart B—Description of Water-Resources Programs

§ 402.6 Water-Resources Research Program.

- (a) Subject to the availability of appropriated funds, the Water-Resources Research Program will provide support, in the form of a dollar-for-dollar matching grant, to educational institutions, private foundations, private firms, individuals, and agencies of local or State governments for research concerning any aspect of a water-resource related problem deemed to be in the national interest. Federal agencies are excluded from receiving matching grants. Grants may be awarded on other than a dollar-for-dollar matching basis in cases where the USGS determines that research on a high-priority subject is of a basic nature that otherwise would not be undertaken.
- (b) The types of research to be undertaken under this program are listed below, without indication of priority:
 - (1) Aspects of the hydrologic cycle;
 - (2) Supply and demand for water;
- (3) Demineralization of saline and other impaired waters;
- (4) Conservation and best use of available supplies of water and methods of increasing such supplies;
 - (5) Water reuse;
- (6) Depletion and degradation of groundwater supplies;
- (7) Improvements in the productivity of water when used for agricultural, municipal, and commercial purposes; and
- (8) The economic, legal, engineering, social, recreational, biological, geographic, ecological, and other aspects of water problems.
- (9) Scientific information-dissemination activities, including identifying, assembling, and interpreting the results of scientific and engineering research on water-resources problems.
- (10) Providing means for improved communications of research results, having due regard for the varying con-

ditions and needs for the respective States and regions.

§ 402.7 Water-Resources Technology Development Program.

- (a) Subject to the availability of appropriated funds, the Water-Resources Technology Development Program will provide funds in the form of grants or contracts to educational institutions, private firms, private foundations, individuals, and agencies of local or State governments for technology development concerning any aspect of water-related technology deemed to be of State, regional, and national importance, including technology associated with improvement of waters of impaired quality and the operation of test facilities. Federal agencies are excluded from receiving grants or contracts. The types of technology-development to be undertaken under this program shall include paragraphs 1 through 10 of § 402.6(b).
- (b) The USGS may establish any condition for the matching of funds by the recipient of any grant or cost-sharing under a contract under the technology-development program which the USGS considers to be in the best interest of the Nation.

§§ 402.8-402.9 [Reserved]

Subpart C—Application, Evaluation, and Management Procedures

§ 402.10 Research-project applications.

- (a) Only those applications for grants that are in response to and meet the guidelines of specific USGS announcements will be considered for funding appropriated for this program.
- (b) The USGS program announcements will identify priorities, matching requirements, particular areas of interest, criteria for evaluation, OMB regulations as appropriate, assurances, closing date, and proposal submittal instructions. Program announcements may also include criteria for high-priority subjects of a basic nature that may be funded on other than a dollar-for-dollar basis. Program announcements will be distributed to names on the current USGS mailing list for the

§402.11

Water-Resources Research Program announcements, including new requests received in response to published notices of upcoming program announcements.

- (c) Notification of the availability of the program announcement will be published in the Commerce Business Daily and/or FEDERAL REGISTER.
- (d) The application for funds must be signed by an individual or official authorized to commit the applicant and it must contain:
- (1) A Standard Form 424 "Federal Assistance," sections I and II completed by applicant, used as the cover sheet for each proposal.
- (2) A project summary of no more than one typed, single-spaced page providing the following specific information:
- (i) Identification of the water or water-related problems and the problem-solution approach;
- (ii) Identification of the proposed scientific contribution of the problem solution:
- (iii) Concise statement of the specific objectives of the project;
- (iv) Identification of the approach to be used to accomplish the work; and
- (v) Identification of potential users of the proposed work.
- (3) Narrative information, as specified in the published program announcement, such as project title, project objectives, background information, research tasks, methodology to conduct the research task, the relevancy of the proposed project to water-resources problems, qualifications of the principal investigators and their organizations, and proposed budget with supporting information sufficient to allow evaluation of costs.

§ 402.11 Technology-development project applications.

- (a) Grant awards will be used to support those portions of the program for which the principal purpose is other than as described in §402.11(b). Program announcements and applications will be governed by the same procedures provided in §402.10.
- (b) If it is determined that the principal purpose of a planned award (or awards) is to acquire goods or services for the direct benefit or use of the Gov-

ernment, the action must be regarded as a procurement contract. A competitive solicitation prepared in accordance with applicable acquisition regulations will be issued to interested parties. Notification of the availability of any contract solicitation will be published in the Commerce Business Daily, unless waived in accordance with §5.202 of the Federal Acquisition Regulation (FAR). Contracts may be awarded without full and open competition only if justified in accordance with FAR subpart 6.3.

§ 402.12 Evaluation of applications for grants and contracts.

- (a) *Grants.* (1) Each grant application will receive technical evaluations from Government and/or non-Government scientific or engineering personnel. Utilizing the criteria for evaluation identified in the applicable announcement, each reviewer will assign a technical score.
- (2) Grant applications with low technical ratings will be screened out, and the remaining grant applications will be rank-ordered by review panels.
- (3) USGS program officials will compile a single, consolidated rank-ordered list of the grant applications based on technical scoring, program needs and published priorities, and the available Federal funds.
- (b) *Contracts.* Proposals for contract awards will be evaluated by a USGS panel. Contracts will be awarded according to procedures contained in the FAR, the Department of the Interior Acquisition Regulation, and in acquisition policy releases issued by the Department and by the USGS.

§ 402.13 Program management.

- (a) After the conclusion of negotiations, the USGS will transmit a grant or contract-award document, as appropriate, setting forth the terms of the award.
- (b) *Grants.* Recipients will be required to execute funded projects in accordance with OMB Circulars governing cost principles, administrative requirements, and audit, as applicable to their organization type. In addition, OMB Circular A-67, Coordination of Federal Activities in the Acquisition of Certain

Water Data, is applicable to awards under these programs.

(c) Contracts. Administrative requirements for performance of research contracts will be established in the contract clauses in conformance with applicable procurement regulations and other interior or USGS acquisition policy documents. OMB Circular A-67 will also apply to some contract awards under this program.

§402.14 [Reserved]

Subpart D—Reporting

§ 402.15 Reporting procedures.

- (a) Grantees or contractors will be required to submit the following technical reports to the USGS address identified under the terms and conditions of each award.
- (1) Quarterly Technical Progress Report. This report shall include a description of all work accomplished, results achieved, and any changes that affect the project's scope of work, time schedule, and personnel assignments.
- (2) Draft Technical Completion Report. The draft report will be required for review prior to submission of the final technical completion report.

- (3) Final Technical Completion Report. The final report and a camera-ready copy shall be submitted to the USGS within 90 days after the expiration date of the award and shall include a summary of all work accomplished, results achieved, conclusions, and recommendations. The camera-ready copy shall be prepared in a manner suitable for reproduction by a photographic process. Format will be specified in the terms and conditions of the award.
- (4) Final Report Abstract. A complete Water-Resources Scientific Information Center Abstract Form 102 and National Technical Information Service Form 79 shall be submitted with the final report.
- (b) Grantees or contractors will be required to submit financial, administrative, and closeout reports as identified under the terms of each award. Reporting requirements will conform to the procedures described in the Departmental Manual of the Department of the Interior at 505 DM 1-5.
- (c) Contracts for technology-development projects may also require delivery of hardware items produced and/or specifications, drawings, test results, or other data describing the funded technology.